



# Free Questions for **CTAL-TA** by **dumpssheet**

Shared by **Buchanan** on **24-05-2024**

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## Question 1

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**Question Type:** MultipleChoice

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Which of the following tools could be introduced in addition to inspections and can partly replace a code inspection?

### Options:

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- A- Dynamic analysis tool
- B- Static analysis tool
- C- Test design tool
- D- Test management tool

### Answer:

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B

## Question 2

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**Question Type:** MultipleChoice

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Using the scenario as described above, using boundary value analysis, which would be the most interesting test set to explicitly test one single boundary value as defined in the specification?

<i>Test set (i)</i>		
<b>Civil Status</b>	<b>Salary</b>	<b>NumberofChildren</b>
<i>Married</i>	<i>€ 20.000</i>	<i>4</i>
<i>Not Married</i>	<i>€ 22.000</i>	<i>3</i>
<i>Married</i>	<i>€ 18.000</i>	<i>2</i>
<i>Test et (ii)</i>		
<b>Civil Status</b>	<b>Salary</b>	<b>NumberofChildren</b>
<i>Not Married</i>	<i>€ 19.000</i>	<i>8</i>
<i>Not Married</i>	<i>€ 20.000</i>	<i>6</i>
<i>Married</i>	<i>€ 50.000</i>	<i>4</i>
<i>Test set (iii)</i>		
<b>Civil Status</b>	<b>Salary</b>	<b>NumberofChildren</b>
<i>Married</i>	<i>€ 20.000</i>	<i>10</i>
<i>Not Married</i>	<i>€ 22.000</i>	<i>5</i>
<i>Not Married</i>	<i>€ 20.001</i>	<i>0</i>
<i>Test set (iv)</i>		
<b>Civil Status</b>	<b>Salary</b>	<b>NumberofChildren</b>
<i>Not Married</i>	<i>€ 22.000</i>	<i>1</i>
<i>Not Married</i>	<i>€ 18.000</i>	<i>2</i>
<i>Married</i>	<i>€ 18.000</i>	<i>3</i>

**Options:**

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A- (i)

B- (ii)

C- (iii)

D- (iv)

**Answer:**

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D

## Question 3

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**Question Type: MultipleChoice**

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Scenario "Tax system"

The tax system needs to be updated due to new legislation. For a person with a salary of less than 20.000 and who is married, the tax needs to be re-calculated. If the person also has more than two and less than five children, an additional 10% reduction is applicable.

How many output classes can be distinguished when applying equivalence partitioning to the Tax System specification?

**Options:**

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A- 2

B- 3

C- 4

D- 5

**Answer:**

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B

## Question 4

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**Question Type: MultipleChoice**

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Scenario "Tax system"

The tax system needs to be updated due to new legislation. For a person with a salary of less than 20.000 and who is married, the tax needs to be re-calculated. If the person also has more than two and less than five children, an additional 10% reduction is applicable. How many input classes can be distinguished when applying equivalence partitioning to the Tax System specification?

**Options:**

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A- 5

B- 6

C- 7

D- 8

**Answer:**

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C

## Question 5

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**Question Type: MultipleChoice**

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Scenario "Tax system"

The tax system needs to be updated due to new legislation. For a person with a salary of less than 20.000 and who is married, the tax needs to be re-calculated. If the person also has more than two and less than five children, an additional 10% reduction is applicable. The functionality of the newly released tax system is now at the right level. However, there are frequent complaints about non-functional issues. In particular:

i the new system does not run on PC's with VISTA installed

ii it is difficult to update the system quickly when new legislation must be implemented

iii especially when many users are using the web site, the system seems to be slow

iv some users enthusiastically use the system but are not able to complete some of the transactions

Which TWO types of risks are related to complaint (i) and (ii)?

**Options:**

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A- Functionality

B- Usability

C- Efficiency

D- Portability

E- Maintainability

**Answer:**

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D, E



## Question 6

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**Question Type:** MultipleChoice

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It is possible that the test execution phase will be shortened and that test cases will need to be prioritised. What is the main reason to prioritise the test cases?

### Options:

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- A- Get the areas the programmer is most worried about finished first
- B- Get finished within the time and budget available
- C- Ensure that when you stop you have done the best tests in the time available
- D- To ensure as many tests as possible are run

### Answer:

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C

## Question 7

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**Question Type: MultipleChoice**

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Which of the following is an important principle for using experienced-based test techniques?

**Options:**

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- A-** Tester skill is a critical factor in assigning test execution tasks
- B-** Tester skills are less important than ensuring 100% test utilisation
- C-** Testers should always focus on defect-prevention activities
- D-** Testers should be evaluated based on the number of defects they find

**Answer:**

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A

## Question 8

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**Question Type: MultipleChoice**

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To enhance the test design phase the purchase of a test design tool is being considered. Which statement characterises best a test design tool?

**Options:**

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- A- It validates models of the software
- B- It enables tests to be executed automatically
- C- It enables individual tests to be traced to requirements
- D- It generates test inputs or executable tests from requirements

**Answer:**

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D

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